

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (currently amended) A remote copy system, comprising:
a first storage system including a first storage controller and a first data volume, the first storage controller being configured to control data access requests to the first data volume, the first storage system being configured to store write data in the first data volume upon receiving a write request from a first host associated with the first storage system and generate a journal including control data and journal data;
a second storage system including ~~a journal volume and configured to receive and store the journal generated by the first storage system in the journal~~ a second data volume, the second storage system being configured to receive and store data corresponding to the write data to the first data volume in the second data volume; and
a third storage system including ~~a second data volume and configured to receive the journal from the second storage system and store the journal data of the journal to the second data volume according to information provided in the control data~~ a third data volume, the third storage system being configured to receive and store data corresponding to the write data to the first data volume in the third data volume;
wherein the write request from the first host to the first storage system completes after the write data are copied to the second storage system;
wherein the journal data of the journal are received to the third data volume independently from completion of the write request according to information provided in the control data.
2. (canceled)
3. (original) The remote copy system of claim 1, wherein the second storage system is located relatively close to the first storage system and the third storage system is located relatively far from the first storage system.

4. (original) The remote copy system of claim 3, wherein the second storage system is located within 100 miles of the first storage system and the third storage system is located more than 100 miles from the first storage system.

5. (canceled)

6. (canceled)

7. (currently amended) The remote copy system of claim 1, further comprising:

a second host coupled to the [[third]] second storage system, wherein the [[third]] second storage system is configured to function as a primary storage system if the first storage system experiences failure.

8. (canceled)

9. (canceled)

10. (canceled)

11. (canceled)

12. (currently amended) The remote copy system of claim [[11]] 1, further comprising a third host coupled to the third storage system, wherein the third storage system is configured to replace the first storage system as a primary storage system if the first storage system experiences failure.

13. (canceled)

14. (canceled)

15. (canceled)

16. (canceled)

17. (canceled)

18. (canceled)

19. (canceled)

20. (canceled)

21. (canceled)

22. (canceled)

23. (new) The remote copy system of claim 1, wherein the control data includes sequence information to determine write ordering.

24. (new) The remote copy system of claim 1, wherein the control data includes a time when the write data are stored in the first data volume based on the write request from the first host.

25. (new) The remote copy system of claim 1, wherein the journal data of the journal are received to the third data volume after the write data are copied to the second storage system to secure the write data when the first storage system experiences failure.

26. (new) A remote copy system, comprising:

a first storage system including a first storage controller and a first data volume, the first storage controller being configured to control data access requests to the first data volume, the first storage system being configured to store write data in the first data volume upon receiving a write request from a first host associated with the first storage system and generate a journal including control data and journal data;

a second storage system including a second data volume, the second storage system being configured to synchronously receive and store data corresponding to the write data to the first data volume in the second data volume; and

a third storage system including a third data volume, the third storage system being configured to asynchronously receive and store data corresponding to the journal data of the journal in the third data volume according to information provided in the control data.